

### IN THE CLAIMS

Please amend the claims as follows:

1. (original) A method of segmentation of a text (512) into text sections and assigning a topic to each text section on the basis of annotated training data, the method comprising the steps of:

- segmenting the text (512) into text sections by making use of statistical models (514) extracted from training data,
- assigning a topic being indicative of the content of the text section to each text section by making use of the statistical models extracted from the training data,
- generating a structured text by inserting a label as a section heading into the text in order to assign the label to the text section,
- providing the structured text to a user (506),
- processing of modifications of the structured text in response to a user's review.

2. (original) The method according to claim 1, wherein the topic assigned to a text section is further assigned to a set of labels (410), one of which being assigned to the text section and inserted as section heading into the text.

3. (currently amended) The method according to claim ~~1 or 2~~, wherein providing the structured text to a user further comprises for each text section providing the set of labels (410) assigned to the topic that is assigned to the text section.

4. (currently amended) The method according to ~~any one of the claims 1 to 3~~ claim 1, wherein the text modification comprises a modification of the segmentation of the text into sections and/or a modification of the assignment between a label and a text section.

5. (currently amended) The method according to claim ~~3 or 4~~, wherein the modification of the structured text comprises:

- assigning a label to a text section by selecting one label (412, 414, ...) of the set of labels (410) assigned to the topic that is assigned to the text section,
- re-defining a section boundary by selecting an assigned label (406) at a first position in the text and moving the assigned label to a second position within the text, the second position defining the section boundary, and the selected label defining the section heading,
- entering a label and assigning the entered label to the text section.

6. (currently amended) The method according to ~~any one of the~~  
~~claims 1 to 5~~claim 1, wherein the processing of modifications of  
the structured text (518) comprises performing modifications in the  
text in response to the user's review and successively triggering  
the steps of:

- re-segmenting the text into text sections by making use of the  
statistical models  
(514) extracted from the training data and by making reference  
to the performed modifications,
- re-generating a structured text (518) by inserting a label as  
a section heading into the text by making reference to the  
performed modifications, assigning the label to the text  
section and providing the structured text to the user for  
review.

7. (currently amended) The method according to ~~any one of the~~  
~~claims 1 to 6~~claim 1, wherein the processing of modifications of  
the structured text comprises replacing a text portion by a label  
within the text, when the replaced text portion is identified as a  
formulation describing a section heading.

8. (currently amended) The method according to ~~any one of the~~  
~~claims 1 to 7~~claim 1, wherein the granularity of the text

segmentation is controlled by the user by means of a customizable granularity parameter.

9. (currently amended) The method according to ~~any one of the claims 1 to 8~~claim 1, wherein the modifications of the structured text are logged and analyzed in order to adapt the statistical models.

10. (original) A text segmentation system (500) for segmenting a text (512) into text sections and assigning a topic to each text section on the basis of annotated training data, the text segmentation system comprising:

- means for segmenting the text (512) into text sections by making use of statistical models (514) extracted from the training data,
- means for assigning a topic being indicative of the content of the text section to each text section by making use of the statistical models extracted from the training data, the topic being further assigned to a set of labels (410),
- means for generating a structured text (518) by inserting one label of the set of labels as a section heading into the text in order to assign the label to the text section,
- means for providing (520) the structured text to a user (506),
- means for processing (516) of modifications of the

structured text in response to a user's review.

11. (original) The text segmentation system according to claim 10, wherein means for processing of modifications (516) of the structured text (518) are adapted to perform a modification of the segmentation of the text into sections and/or a modification of the assignment between a label and a text section.

12. (currently amended) The text segmentation system according to claim 10 ~~or 11~~, wherein means for processing of modifications of the structured text are further adapted to perform:

- assigning a label to a text section by selecting one label (412, 414,...) of the set of labels (410) assigned to the topic that is assigned to the text section,
- re-defining a section boundary by selecting an assigned label (406) at a first position in the text and moving the assigned label to a second position within the text, the second position defining the section boundary, and the selected label defining the section heading,
- entering a label and assigning the entered label to the text section.

13. (currently amended) The text segmentation system according to

~~any one of the claims 10 to 12~~claim 10, wherein the means for processing of modifications (516) of the structured text (518) are adapted to perform modifications in the text in response to the user's review and further comprising means for successively triggering the steps of:

- re-segmenting the text into text sections by making use of the statistical models (514) extracted from the training data and by making reference to the performed modifications,
- re-generating a structured text by inserting a label as a section heading into the text by making reference to the performed modifications, assigning the label to the text section and providing the structured text to a user for review.

14. (currently amended) The text segmentation system according to ~~any one of the claims 10 to 13~~claim 10, further comprising means for logging and analyzing the performed modifications of the structured text, the means for logging and analyzing being adapted to adapt the statistical models (514).

15. (original) A computer program product for segmenting a text (512) into text sections and assigning a topic to each text section on the basis of annotated training data, the computer program

product comprising program means for:

- segmenting the text into text sections by making use of statistical models (514) extracted from the training data,
- assigning a topic being indicative of the content of the text section to each text section by making use of the statistical models extracted from the training data, the topic being further assigned to a set of labels (410),
- generating a structured text (518) by inserting one label (412, 414,...) of the set of labels (410) as a section heading into the text in order to assign the label to the text section,
- providing the structured text to a user (506),
- processing of modifications of the structured text (518) in response to a user's review.

16. (original) The computer program product according to claim 15, wherein the program means for processing of modifications of the structured text are adapted to perform a modification of the segmentation of the text into sections and/or a modification of the assignment between a label and a text section, for the modification of the assignment between a label and a text section the program means are further adapted to perform the steps of:

- assigning a label to a text section by selecting one label of



the set of labels assigned to the topic that is assigned to the text section,

- re-defining a section boundary by selecting an assigned label at a first position in the text and moving the assigned label to a second position within the text, the second position defining the section boundary, and the selected label defining the section heading,
- entering a label and assigning the entered label to the text section.

17. (currently amended) The computer program product according to claim 15 ~~or 16~~, wherein the program means for processing of modifications of the structured text are adapted to perform modifications in the text in response to the user's review and further comprising program means for successively triggering the steps of:

- re-segmenting the text into text sections by making use of the statistical models extracted from the training data and by making reference to the performed modifications,
- re-generating a structured text (518) by inserting a label as a section heading into the text by making reference to the performed modifications, assigning the label to the text section and providing the structured text to the user for

review.

18. (original) A user interface (400) for a text segmentation system for segmenting a text into text sections and assigning a topic to each text section on the basis of annotated training data, the user interface comprising:

- means for providing the structured text to a user that has been structured by making use of statistical models extracted from the training data,
- means for providing a set of labels (410) to the user, the set of labels being assigned to each topic that is assigned to each text section,
- input means (408) for processing modifications of the structured text in response to a user's review,
- means for logging and analyzing processed modifications of the structured text in order to train the statistical models.

19. (original) The user interface according to claim 18, wherein the structured text is provided to a user by means of a graphical user interface (400; 502) and wherein the input means (408, 418; 504) are adapted to process modifications of the structured text in form of the user selecting one label (412, 414,...) of the provided

set of labels (410), the selected label being assigned to the text section.

20. (currently amended) The user interface according to claim 18 ~~or 19~~, further comprising means for providing text that has been re-segmented and re-labelled in response to the user's review by making use of the statistical models and by making reference to the processed modifications.